## **Annotated Categorization of ALB Hosts**

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Category <sup>1</sup>	Genus <sup>2</sup>	Common Name	Host Abundance and Other Notes <sup>3</sup>	Listed for Treatment
Very good host	Acer	Maple, boxelder	Very common trees. Many US records, all species; Norway, red and silver maple especially favored; Japanese maple seldom attacked.	yes
"	Salix	Willow	Common trees. Several US records: weeping, pussy, white and black willows.	yes
"	Ulmus	Elm	Very common trees. Many US records: American, Siberian, Chinese and slippery elms.	yes
Good host	Aesculus	Horsechestnut, buckeye	Uncommon trees Several US records, heavily infested.	yes
	Betula	Birch	Uncommon trees. Several US records: gray, paper, river and European white birches.	yes
"	Platanus	London plane tree	Common tree; Several US records (exit holes, NY); no record for <i>P. occidentalis</i> , American sycamore; host in Chinese literature.	yes
Occasional or rare host in US	Albizia	Mimosa, silk tree	Uncommon tree; Exit: 2 records, NY; 4 larvae reared to adult from wood collected in NY; no Chinese record.	yes
"	Celtis	Hackberry	Common tree; Oviposition: 1 record, IL, with large larva identified as ALB; no Chinese record.	yes
"	Fraxinus	Ash (especially green ash, F. pennsylvanica)	Very common trees in IL, less so in NY and NJ; Injury attributed to ALB in Chicago has been uncommon in relation to host abundance: 44 records of exit holes, 21 of oviposition (many of these unconfirmed); NY: 1 record of oviposition; host in Chinese literature.	yes
66	Populus	Poplar	Fairly common trees; Suitability apparently varies; some species and hybrids are prime hosts in China; just four US records (oviposition, NY).	yes
"	Sorbus	European mountain-ash	Uncommon tree; Exit: 1 record, IL and other emergence in laboratory; no Chinese record.	yes

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Questionable host in US	Hibiscus	Rose-of-Sharon	Common shrub; Exit: 1 unverified report, NY; Oviposition: several records, NY, but no larval development, possibly incidental to heavy damage on nearby hosts; no Chinese record.	no
66	Malus	Apple, crab apple	Common ornamental; Oviposition: 1 questionable record, IL; host in Chinese literature.	no
"	Morus	Mulberry	Very common tree; Oviposition: 1 record, NY; no Chinese record.	no
"	Prunus	Cherry, plum	Very common ornamental; Oviposition: 2 records, NY & IL, but no survival; host in Chinese literature.	no
	Pyrus	Pear	Common ornamental; Exit: 1 questionable record, IL; host in Chinese literature.	no
"	Quercus	Oak (pin oak, Q. palustris)	Very common tree; Oviposition: 1 record, NY; no Chinese record.	no
"	Robinia	Black locust	Common tree; Exit: 2 doubtful records, IL; host in Chinese literature.	no
"	Tilia	Linden, basswood	Common tree; Oviposition: 2 records (IL & NY) but no development; host in Chinese literature.	No
No US record	Alnus	Alder	Locally common tree or shrub; No US record; Host in Chinese literature.	no
	Elaeagnus	Russian olive, oleaster	Widely-planted ornamental shrub; No US record; Host in Chinese literature; Heavy feeding damage and exit hole observed in China.	no
	Melia	Chinaberry	Uncommon shrub; No US record; reported <i>not</i> to be a host in Chinese literature but damage observed.	no
Non-host	Ailanthus	Tree of heaven	Common tree; No US record; reported <i>not</i> to be a host in Chinese literature.	no

- 1. Host status based on records of relative infestation rates, rearing results, laboratory and field studies and Chinese literature.
- 2. Host genera listed alphabetically within categories
- 3. Host abundance based on program records, general observation of infested areas in NY, IL and NJ and on Nowack, D. J., 1994, "Urban Forest Structure: The State of Chicago's Urban Forest," pp. 3-18 *In:* E. G. McPherson et al., **Chicago's Urban Forest Ecosystem: Results of the Chicago Urban Forest Climate Project**. Gen. Tech. Rep. NE-186, USDA Forest Service, Northeast Forest Experiment Sta., Radnor, PA.